Cat. No. 14-1174 B

OWNER'S MANUAL

Please read before using this equipment.

DR-81

160-Minute Digital Recorder
with PC-Link Kit

RadioShack®

www.radioshack.com℠

Declaration of Conformity

Model Number:	14-1174 B
Trade Name:	DIGITAL RECORDER
Responsible Party:	RadioShack
Address:	100 Throckmorton, Fort Worth, Texas 76102
Telephone Number:	817-415-3200

This device Complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Declaration of Conformity Label

Digital Recorder 14-1174 B

Tested To Comply
With FCC Standards

FOR HOME OR OFFICE USE

DIGITAL SPEECH STANDARD PLAYER SOFTWARE

INTRODUCTION

Used in conjunction with the PC Data Transfer Cable, a Digital Speech Standard Player enables you to capture audio recorded on the Digital Voice Recorder and play it back on your computer.

<What is a Digital Speech Standard Player?>

- The RadioShack Digital Voice Recorder converts audio data to digital signals and compresses them for recording on built-in flash memory. Each message recorded on the recorder is given an eight-character file name consisting of a user-selected four-digit ID number and another four-digit number automatically assigned by the recorder. Audio data is recorded on the built-in flash memory as a file with the extension .dss. Using the Digital Speech Standard Player, you can copy or move any Digital Speech Standard audio file from the built-in flash memory to any folder on your computer.
- The recorder uses an advanced DSP (digital signal processor) to achieve an extremely high rate of data compression. As a result, recorded audio files need only about 102KB per minute in standard mode and about 47KB in long mode, making possible long-time recording with minimal storage capacity. For example, if you record the same one minute's worth of audio with the sound card of your computer, you will need up to 1.3 MB of storage capacity to get sound quality equivalent to the recorder standard mode of the recorder (PCM, 16bit, 11kHz, monaural).
- Since the Digital Speech Standard Player audio file is highly compressed, it must be decompressed for playback via a Creative Labs Sound Blaster® 16 or compatible sound card. The Digital Speech Standard Player not only decompresses the file in real time; it also reads and displays useful information such as time/date stamped data and index marks.
- The Digital Speech Standard Player can also play back uncompressed WAV files supported by the sound recorder included in Microsoft Windows® as a standard accessory. While it is also possible to convert the Digital Speech Standard audio file to a WAV file using the Digital Speech Standard Player, please keep in mind that you will lose the benefits of Digital Speech Standard's outstanding compression ratio, as well as information specific to the Digital Speech Standard audio file, such as index marks and time/date stamping. After conversion, the WAV file will take up 12 to 20 times as much as space as the original Digital Speech Standard file.

PC SYSTEM REQUIREMENTS

◇Intel® Pentium® 133MHz or faster
◇Microsoft Windows® 95 (Internet Explorer 4.0 or later) / 98 / ME / 2000 Professional
◇32MB RAM
◇10MB hard disk space (additional space required to store voice file)
◇Creative Labs Sound Blaster 16 or 100% compatible sound card
◇Double speed or faster CD-ROM drive
◇Serial port
◇Speaker or headphone

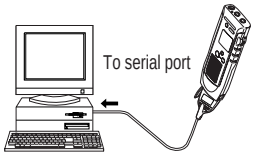
INSTALLING THE DIGITAL SPEECH STANDARD PLAYER

Insert the CD-ROM for the Digital Speech Standard Player in your drive. As the installation program installs the Digital Speech Standard Player automatically, follow the instructions on the screen. If the installation program does not start automatically, do the following steps:
1. Click the Start button and select RUN.
2. Type d:\setup (where d is your CD-ROM drive) and click OK to execute the setup application.
3. Follow the instructions on the screen.

LET'S GET STARTED

<Creating Digital Speech Standard Files>
Using the Digital Voice Recorder, create Digital Speech Standard files for data transferring.
1. Make sure that the HOLD switch of the recorder is not set to “HOLD.”
2. Press the record (REC) button and start dictation.
3. Press the STOP button to end recording.

<Connecting the Recorder to Your Computer>
- When the recorder is in STOP mode, connect the recorder to your computer’s serial port or RS232C port via the PC Data Transfer Cable.



- You can download Digital Speech Standard speech data at approximately 4 to 8 times faster than normal playback speed. When you download a long file or many files to your computer, please use an optional AC adapter. If the batteries are exhausted while downloading is underway, uncompleted data in your computer will not be recognized as a Digital Speech Standard speech file.

<Opening the Digital Speech Standard Player>
- To open the Digital Speech Standard Player, click the Start button and choose the “RadioShack Digital Speech Standard Player” icon from Windows’ Program menu. The Download Window will open automatically and the list of Digital Speech Standard files in the recorder will be displayed.
- Although you can play back your Digital Speech Standard file directly from the built-in flash memory in the recorder, we recommend that you download Digital Speech Standard audio files from the built-in flash memory to your computer before playing them.

- To start downloading:

1. Click the Download button.
2. Select the folders (A folder only, B folder only, or both A and B folders) or files you want to download to your computer.
3. Click the Start button. The file is automatically downloaded to the C:\RadioShack\Dssply32\Message\ Folder_A/B in your computer. If you want to specify a different drive or folder, click Download Options button and modify the location.

- To play back the downloaded file, change to the Main Window by clicking Tools in the Menu bar and Main Window View.
- You can play back the Digital Speech Standard audio file using a standard Windows sound card. To play back the file, double-click the desired file name in the list box. The Digital Speech Standard Player works just like an ordinary tape recorder; functions such Play, Stop, Fast Forward and Rewind are all available. You can also choose to play back a particular section by clicking at any point in the Play bar display or change the playback position by dragging the current position button.
- You can easily edit the Index Marks or change the priority levels by using the Toolbar buttons or the pull-down priority control. If you want to keep the original Digital Speech Standard file as it is, we recommend that you copy the original Digital Speech Standard file to another folder or drive using the Save As command.
- Refer to Online Help for further details on how to operate the Digital Speech Standard Player.

NOTES

- When you download the audio data, connect the recorder to your computer with the PC Data Transfer Cable before you open Digital Speech Standard Player.
- Unauthorized transfer or redistribution of the provided software in whole or part is prohibited by law.
- Tandy Corporation assumes no responsibility or liability for any injury caused to you or any third party by using this unit and the provided software.
- The provided software and instruction manual are subject to change without notice.
- When running Windows 2000 through a network connection, it is required to log in as the Administrator or under a user name designated as an administrator.

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- The copyright to all information specific to the Digital Speech Standard Player software described in this instruction manual is held by Olympus Optical Co., Ltd. The software accompanying this manual and described herein may not be copied to any medium unless otherwise approved by the license agreement or confidentiality agreement.

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